

ABSTRACT OF THE DISCLOSURE

An intravenous (I.V.) solution bag is adapted for receiving fluid materials administered from needleless administering devices, for limiting or preventing contamination resulting from the administration of the fluid materials, and for limiting an amount or volume of fluid material which may become airborne from disengagement of the needleless administering devices from the I.V. solution bag. The I.V. solution bag has a receiving chamber defined therein, at least one access port, and a backflow check valve device secured at the access port. The valve device has a housing and a backflow check valve member, wherein the valve member has an inlet end and a deformable body both disposed within the housing. The inlet end of the valve member is flushed with the inlet end of the housing such that a deformable seal is defined and formed. The I.V. solution bag may further have a handle for hanging the I.V. solution bag.